

AI  
CONT

49. The system according to Claim 48, wherein the call completion option comprises an alternate network option and wherein the software is further operable to:

receive a selection of the alternate network option; and

establish a connection between the origination and the destination using a public switched telephone network in response to the selection by the call originator.

50. The system according to Claim 49, wherein establishing the connection comprises establishing the connection between the origination and the destination through a gateway coupled to the public switched telephone network.

51. The system according to Claim 48, wherein the call completion option comprises a hold option and wherein the software is further operable to:

receive a selection of the hold option;

store the call setup request in response to the selection of the hold option;

determine when the bandwidth is available; and

establish a connection between the origination and the destination using a packet switched network when the bandwidth is available.

52. The system according to Claim 48, wherein the call completion option comprises a ring back option and wherein the software is further operable to:

receive a selection of the ring back option;

store the call setup request in response to the selection of the ring back option;

determine when the bandwidth is available;

establish a connection between the origination and the destination using a packet switched network; and

alert the call originator that the VoP call will proceed.

53. The system according to Claim 48, and wherein the software is further operable to:

determine available bandwidth on a link to complete the VoP call; and

reduce available bandwidth by the bandwidth used to complete the VoP call.

AI  
CONT

54. The system according to Claim 53, and wherein the software is further operable to update a call status table in response to completing the VoP call, the call status table comprising a status indication and the status indication comprising an indication of the status of the VoP call.

55. The system according to Claim 48, wherein presenting the call completion option comprises presenting the call completion option using an interactive voice response system.

56. The system according to Claim 48, wherein presenting the call completion option comprises presenting the call completion option using at least one programmable key associated with a phone.

57. The system according to Claim 48, wherein determining the amount of available bandwidth comprises consulting a bandwidth table, the bandwidth table comprising a first location, a second location, a maximum bandwidth indication and an available bandwidth indication.

58. The system according to Claim 48, wherein the origination and the destination respectively comprise devices that communicate audio information using data packets.

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AI  
CONT

59. A phone comprising:

software embodied in computer readable media and operable to:

receive a call denial message, the call denial message indicating that insufficient bandwidth exists to complete a phone call originated by a call originator;

determine at least one call completion option to communicate to the call originator; and

communicate the call completion option to the call originator.

60. The phone according to Claim 59, wherein the call completion option comprises an alternate network option and wherein the software is further operable to:

receive a selection of the alternate network option; and

establish a connection between an origination device associated with the call originator and a destination using a public switched telephone network in response to the selection by the call originator.

61. The phone according to Claim 59, wherein the determination of the call completion option to communicate to the call originator is based on a status associated with the call originator.

62. A system comprising:

software embodied in computer readable media and operable to:

initiate a Voice over Packet (VoP) call using a call setup request from an origination to a destination;

receive a rejection of the VoP call at the origination;

display a call completion option at the origination in response to the rejection;

and

receive the selection of the call completion option by a user associated with the origination.

63. The system according to Claim 62, wherein the call completion option comprises a hold option and wherein the software is further operable to:

store the call setup request in response to the selection of the hold option;

determine when the bandwidth is available; and

establish a connection between the origination and the destination using a packet switched network.

64. The system according to Claim 62, wherein the call completion option comprises an alternate network option and further comprising establishing a connection between the origination and the destination using a public switched telephone network in response to the selection of the call completion option by the call originator.

65. The system according to Claim 62, wherein displaying the call completion option comprises programming a programmable key associated with the origination.

AI  
CONT

66. A system comprising:  
software embodied in computer readable media and operable to:  
receive a call setup request associated with a voice over packet (VoP) call  
between an origination and a destination at a first call manager;  
determine whether bandwidth is available on a first communications link;  
communicate the call setup request to a second call manager coupled to the  
first call manager using a second communications link;  
determine whether bandwidth is available on the second communication link  
at the second call manager; and  
determine at least one call completion option at the first call manager for a call  
originator associated with the origination when bandwidth is not available on either of the  
first and second communications links.

67. The system according to Claim 66, wherein the call completion option  
comprises an alternate network option and wherein the software is further operable to:  
receive a selection of the alternate network option at the first call manager; and  
establish a connection between the origination and the destination using a public  
switched telephone network in response to the selection by the call originator.

68. The system according to Claim 67, wherein establishing the connection  
comprises establishing the connection between the origination and the destination through a  
gateway coupled to the public switched telephone network.

69. The system according to Claim 66, wherein the call completion option  
comprises a hold option and wherein the software is further operable to:  
receive a selection of the hold option at the first call manager;  
store the call setup request in response to the selection of the hold option at the first  
call manager;  
determine when the bandwidth is available on the first and second communication  
links; and  
establishing a connection between the origination and the destination using the first  
and second communication links.

AI  
CONT

70. The system according to Claim 66, wherein the call completion option comprises a ring back option and wherein the software is further operable to:

- receive a selection of the ring back option at the first call manager;
- store the call setup request in response to the selection of the ring back option at the first call manager;
- determine when the bandwidth is available on the first and second communication links;
- establish a connection between the origination and the destination using the first and second communication links; and
- alert the call originator that call will proceed.

71. The system according to Claim 66, and wherein the software is further operable to update a first call status table at the first call manager in response to completing the VoP call, the first call status table comprising a first status indication associated with the VoP call originating from the originator coupled to the first call manager, and the first status indication comprising an indication of the status of the VoP call originating from the originator coupled to the first call manager.

72. The system according to Claim 71, and wherein the software is further operable to synchronize the first call status table with a second call status table at the second call manager, the second call status table comprising a second status indication associated with VoP calls originating from a further originator coupled to the second call manager, and the second status indication comprising an indication of the status of a VoP call originating from the further originator coupled to the second call manager.